

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121323\
 Data File : BF136538.D
 Acq On : 13 Dec 2023 15:13
 Operator : CG\JU
 Sample : 05574-07
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P001-WC03-01

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/14/2023
 Supervised By :mohammad ahmed 12/14/2023

Quant Time: Dec 13 15:42:10 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 06 09:40:27 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.798	152	109311	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	411018	20.000	ng	-0.01
39) Acenaphthene-d10	9.827	164	183845	20.000	ng	-0.01
64) Phenanthrene-d10	11.322	188	281280	20.000	ng	0.00
76) Chrysene-d12	13.974	240	230990	20.000	ng	0.00
86) Perylene-d12	15.457	264	242322	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	764884	103.338	ng	0.02
7) Phenol-d6	6.439	99	857044	92.806	ng	0.00
23) Nitrobenzene-d5	7.357	82	618737	81.381	ng	-0.01
42) 2,4,6-Tribromophenol	10.622	330	238221	105.090	ng	-0.01
45) 2-Fluorobiphenyl	9.151	172	1179111	87.514	ng	-0.01
79) Terphenyl-d14	12.916	244	1007060	57.464	ng	0.00
Target Compounds						
32) Benzoic acid	7.804	122	14849m	3.228	ng	Qvalue
70) Pentachlorophenol	11.127	266	26807	12.566	ng	96
71) Phenanthrene	11.345	178	37211	2.407	ng	97
73) Carbazole	11.551	167	28336	2.056	ng	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

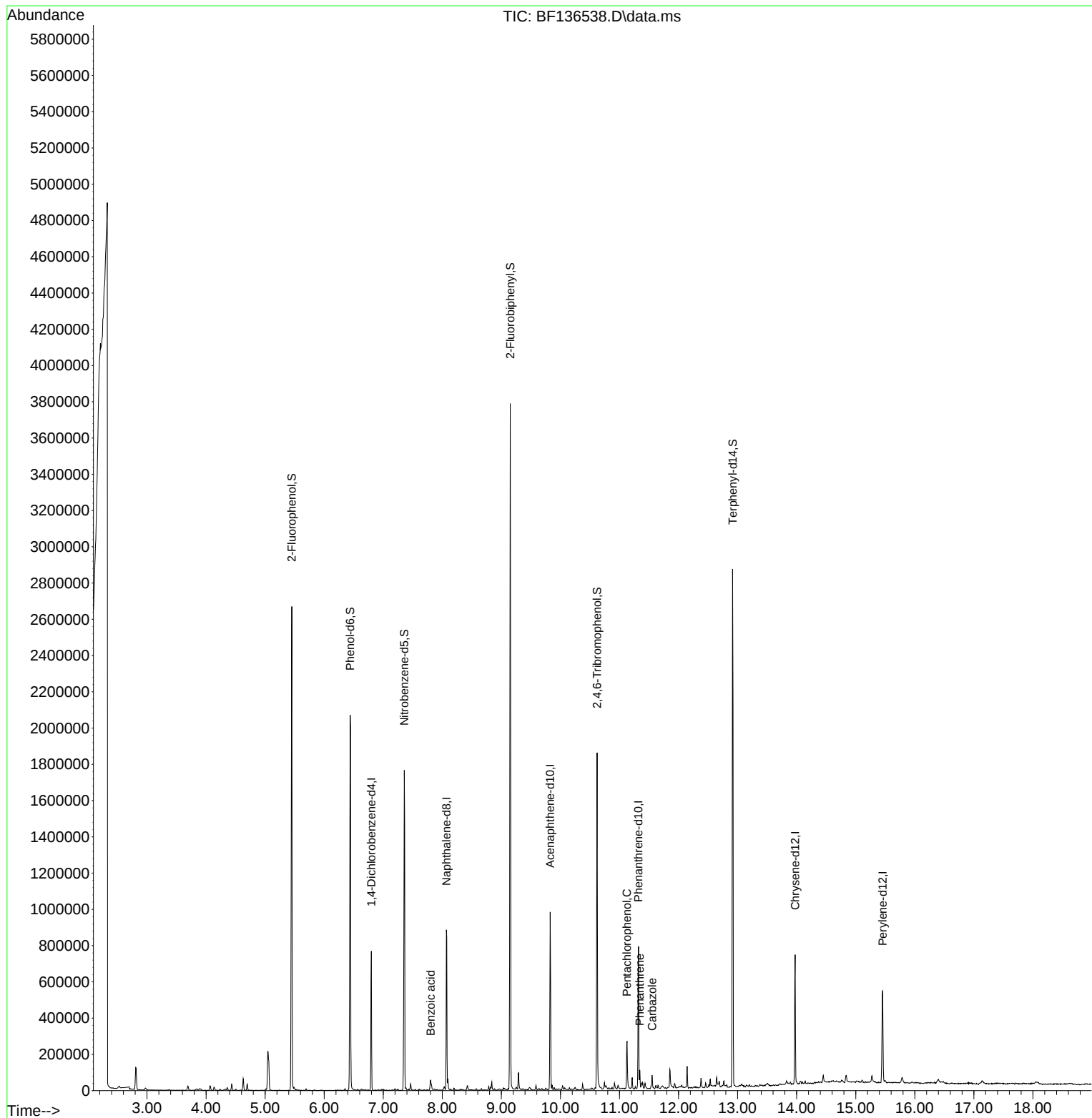
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121323\
Data File : BF136538.D
Acq On : 13 Dec 2023 15:13
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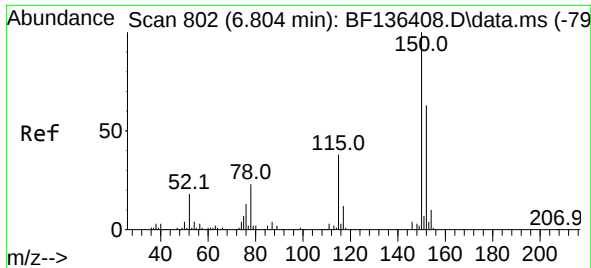
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BNA_F
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P001-WC03-01

Quant Time: Dec 13 15:42:10 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 06 09:40:27 2023
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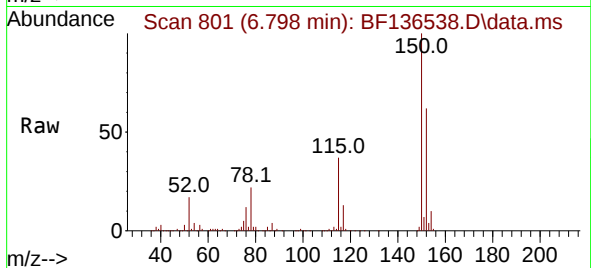
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.798 min Scan# 802
Delta R.T. -0.006 min
Lab File: BF136538.D
Acq: 13 Dec 2023 15:13

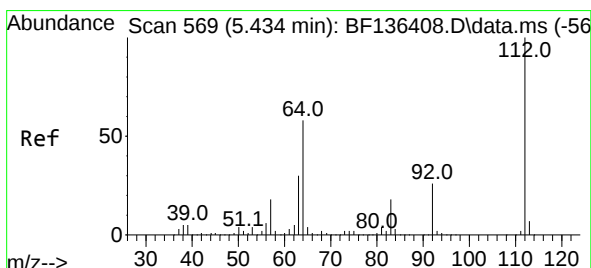
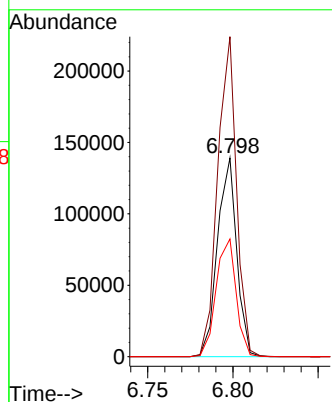
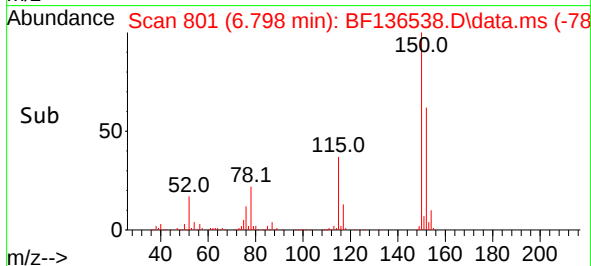
Instrument :
BNA_F
ClientSampleId :
P001-WC03-01



Tgt Ion:152 Resp: 10931
Ion Ratio Lower Upper
152 100
150 161.0 126.4 189.6
115 59.3 48.2 72.4

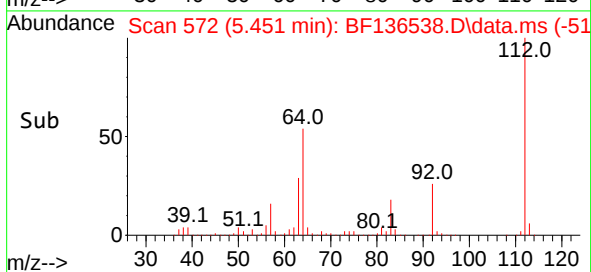
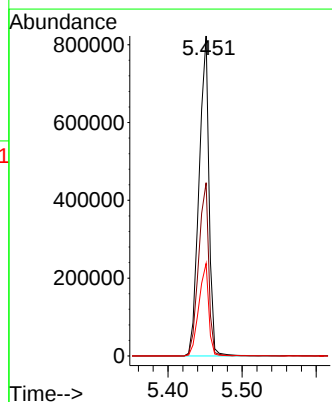
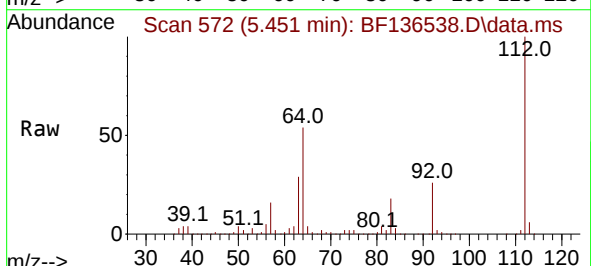
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#5
2-Fluorophenol
Concen: 103.338 ng
RT: 5.451 min Scan# 572
Delta R.T. 0.018 min
Lab File: BF136538.D
Acq: 13 Dec 2023 15:13

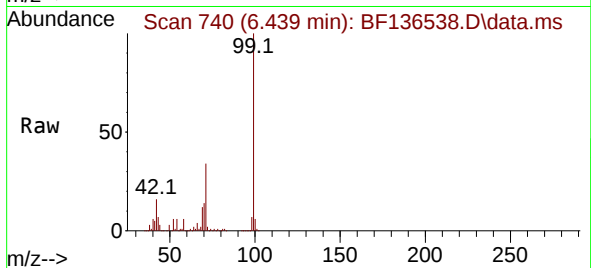
Tgt Ion:112 Resp: 764884
Ion Ratio Lower Upper
112 100
64 54.1 46.5 69.7
63 28.9 23.9 35.9





#7
Phenol-d6
Concen: 92.806 ng
RT: 6.439 min Scan# 741
Delta R.T. -0.006 min
Lab File: BF136538.D
Acq: 13 Dec 2023 15:13

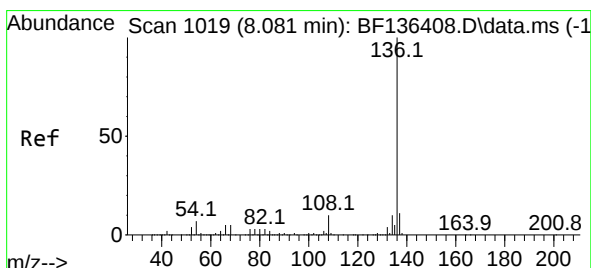
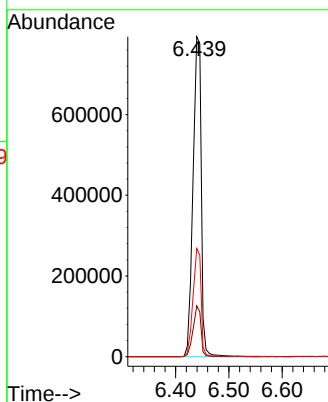
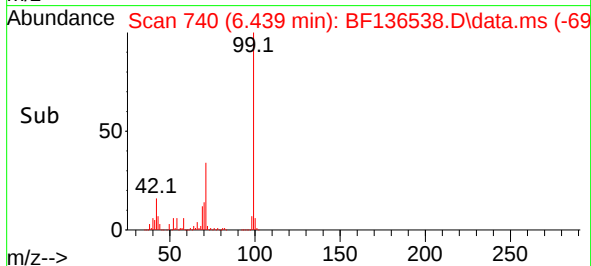
Instrument :
BNA_F
ClientSampleId :
P001-WC03-01



Tgt Ion: 99 Resp: 857044
Ion Ratio Lower Upper
99 100
42 15.9 12.8 19.2
71 33.8 27.0 40.4

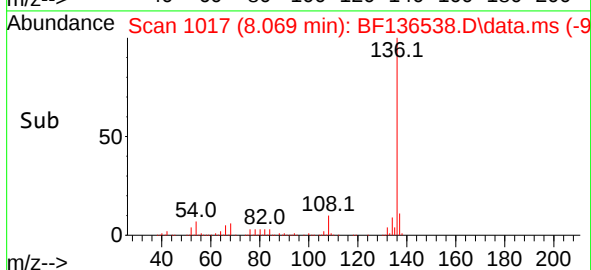
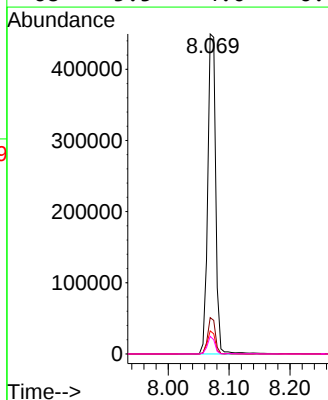
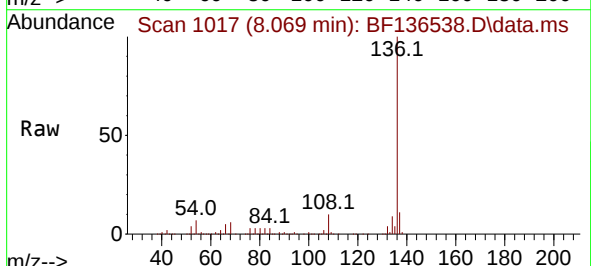
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Supervised By :mohammad ahmed 12/14/2023



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 1017
Delta R.T. -0.012 min
Lab File: BF136538.D
Acq: 13 Dec 2023 15:13

Tgt Ion:136 Resp: 411018
Ion Ratio Lower Upper
136 100
137 11.3 8.6 12.8
54 7.2 5.7 8.5
68 5.5 4.0 6.0





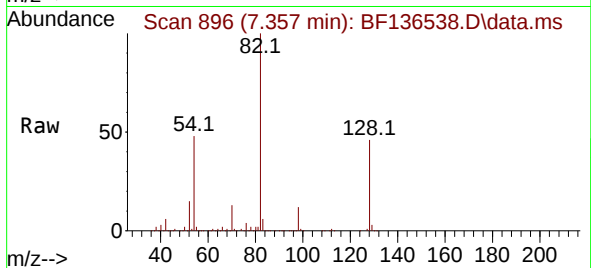
#23
Nitrobenzene-d5
Concen: 81.381 ng
RT: 7.357 min Scan# 898
Delta R.T. -0.012 min
Lab File: BF136538.D
Acq: 13 Dec 2023 15:13

Instrument :

BNA_F

ClientSampleId :

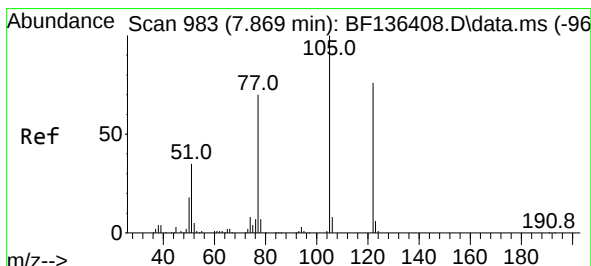
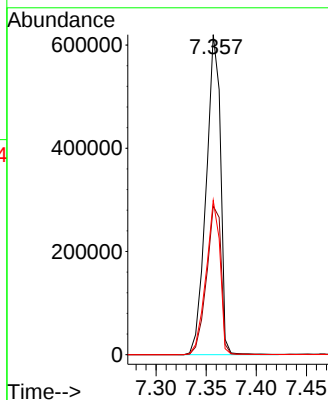
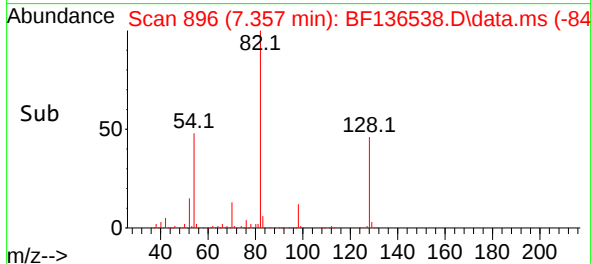
P001-WC03-01



Tgt Ion: 82 Resp: 61873
Ion Ratio Lower Upper
82 100
128 46.4 36.3 54.5
54 48.2 39.0 58.6

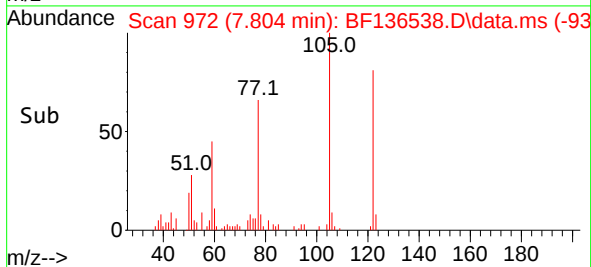
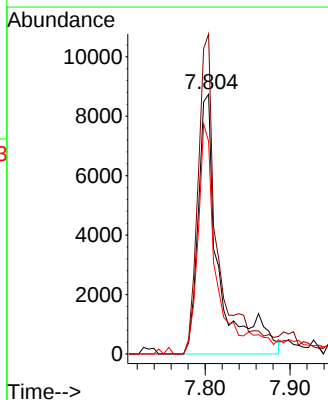
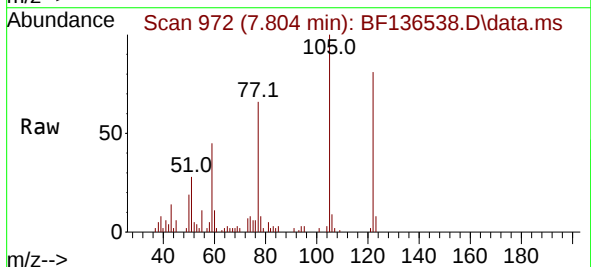
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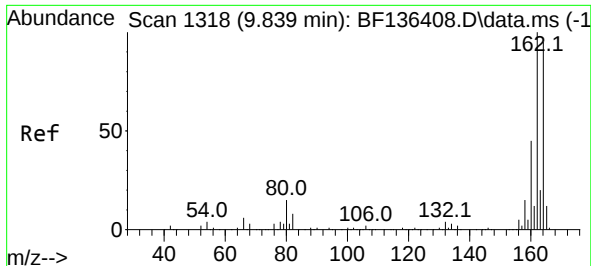
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023



#32
Benzoic acid
Concen: 3.228 ng m
RT: 7.804 min Scan# 972
Delta R.T. -0.065 min
Lab File: BF136538.D
Acq: 13 Dec 2023 15:13

Tgt Ion:122 Resp: 14849
Ion Ratio Lower Upper
122 100
105 123.2 104.7 144.7
77 81.9 68.5 108.5





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.827 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF136538.D

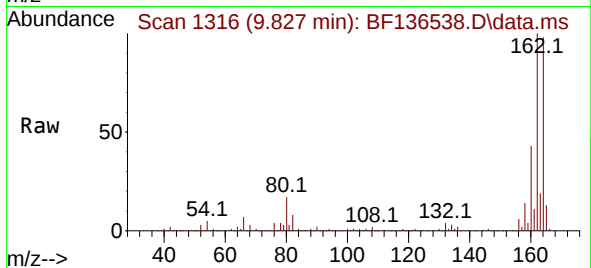
Acq: 13 Dec 2023 15:13

Instrument :

BNA_F

ClientSampleId :

P001-WC03-01



Tgt Ion:164 Resp: 18384

Ion Ratio Lower Upper

164 100

162 102.4 84.4 126.6

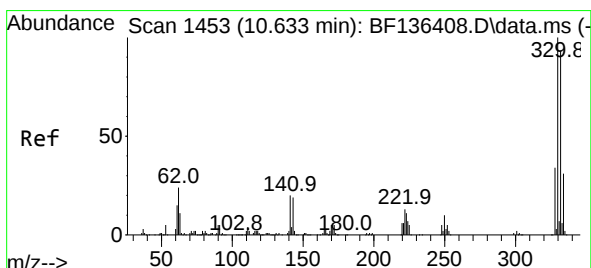
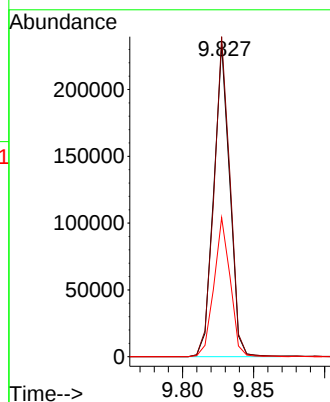
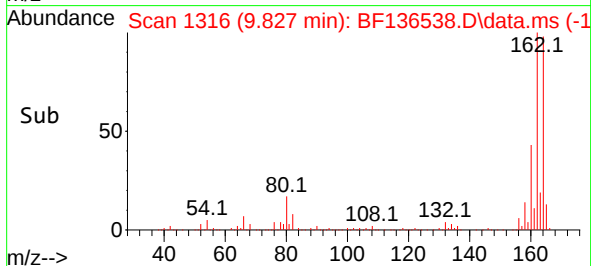
160 44.5 37.6 56.4

Manual Integrations

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#42

2,4,6-Tribromophenol

Concen: 105.090 ng

RT: 10.622 min Scan# 1451

Delta R.T. -0.012 min

Lab File: BF136538.D

Acq: 13 Dec 2023 15:13

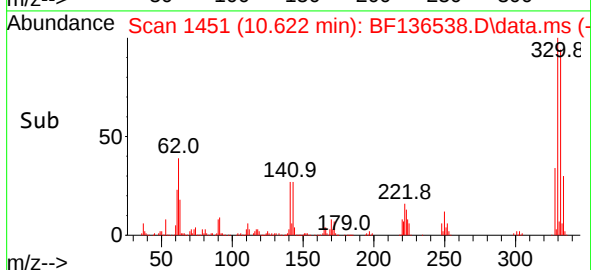
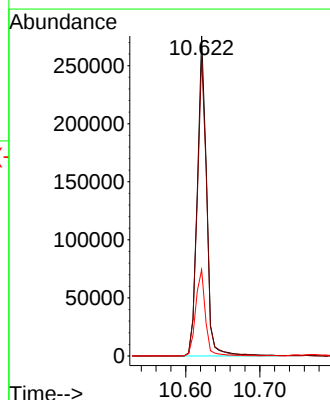
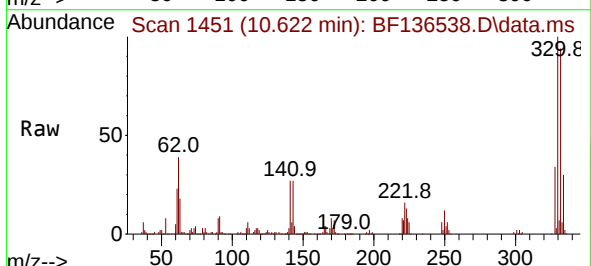
Tgt Ion:330 Resp: 238221

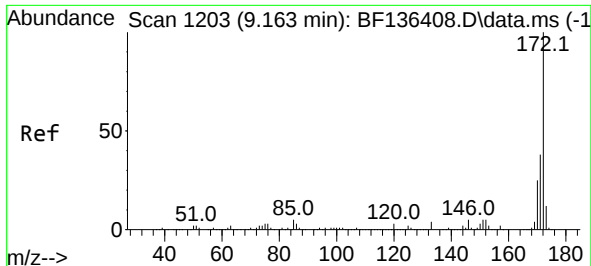
Ion Ratio Lower Upper

330 100

332 96.0 76.4 114.6

141 28.5 23.4 35.2





#45

2-Fluorobiphenyl

Concen: 87.514 ng

RT: 9.151 min Scan# 117911

Delta R.T. -0.012 min

Lab File: BF136538.D

Acq: 13 Dec 2023 15:13

Instrument :

BNA_F

ClientSampleId :

P001-WC03-01

Tgt Ion:172 Resp: 117911

Ion Ratio Lower Upper

172 100

171 36.8 30.5 45.7

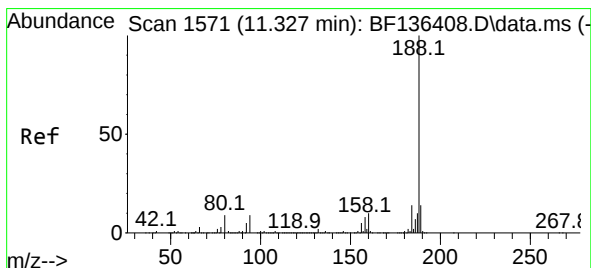
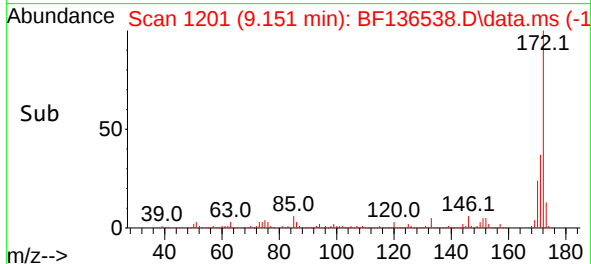
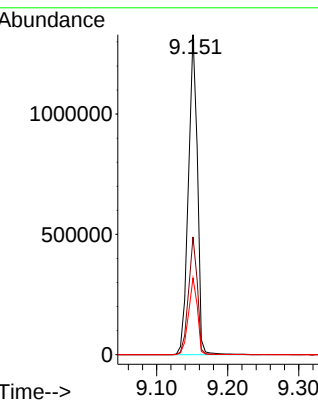
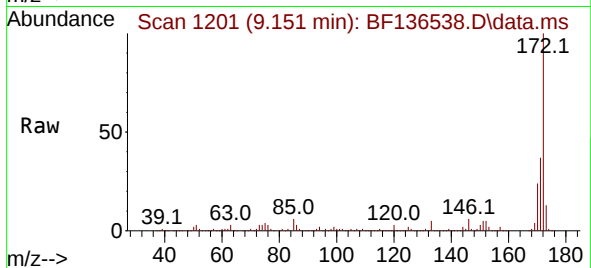
170 24.0 19.9 29.9

Manual Integrations

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Supervised By :mohammad ahmed 12/14/2023



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.322 min Scan# 1570

Delta R.T. -0.006 min

Lab File: BF136538.D

Acq: 13 Dec 2023 15:13

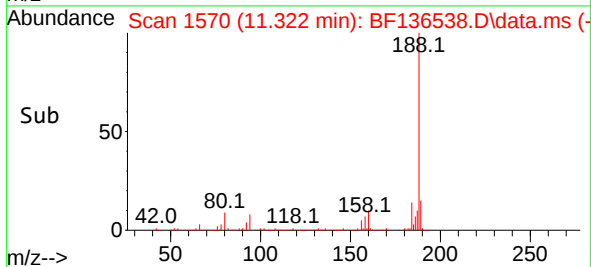
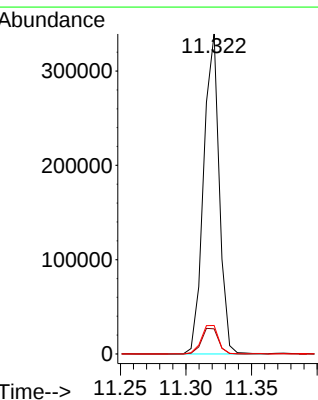
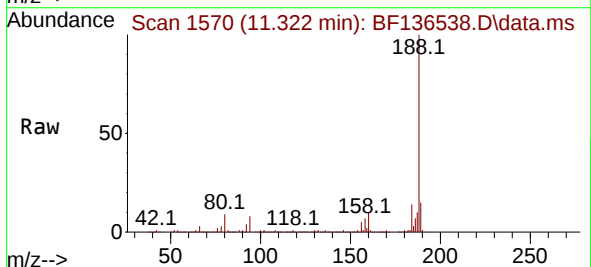
Tgt Ion:188 Resp: 281280

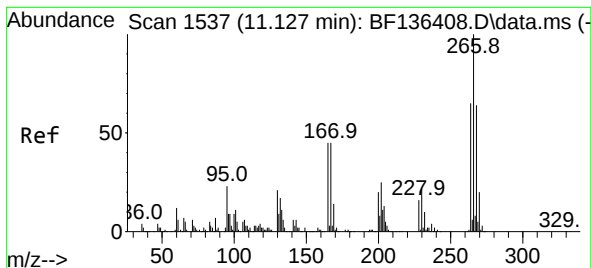
Ion Ratio Lower Upper

188 100

94 7.9 7.2 10.8

80 8.9 7.2 10.8





#70

Pentachlorophenol

Concen: 12.566 ng

RT: 11.127 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF136538.D

Acq: 13 Dec 2023 15:13

Instrument :

BNA_F

ClientSampleId :

P001-WC03-01

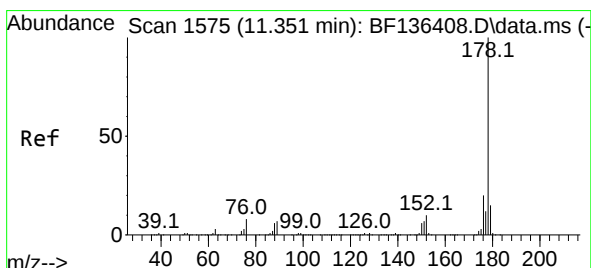
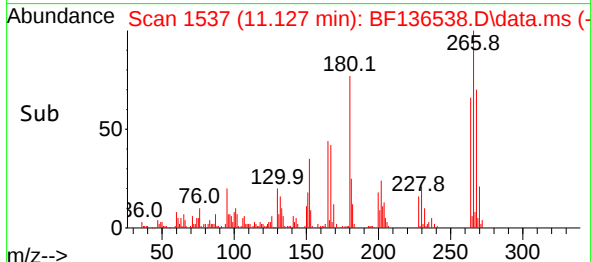
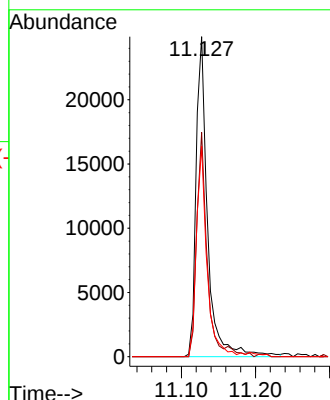
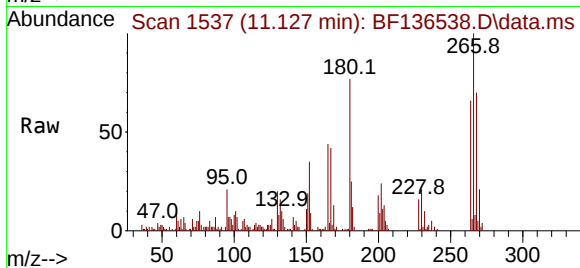
Tgt Ion:	266	Resp:	2680
Ion Ratio	Lower	Upper	
266	100		
268	70.1	51.0	76.6
264	65.7	52.2	78.4

Manual Integrations

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Supervised By :mohammad ahmed 12/14/2023



#71

Phenanthrene

Concen: 2.407 ng

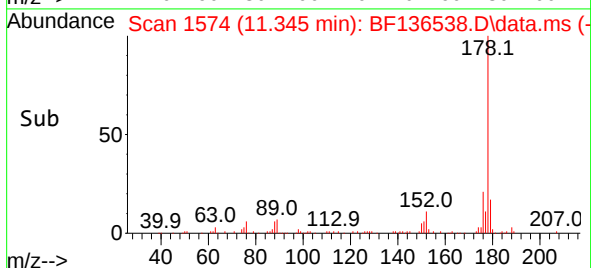
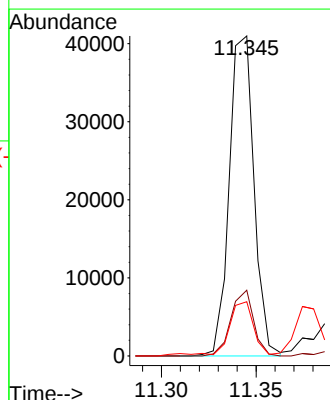
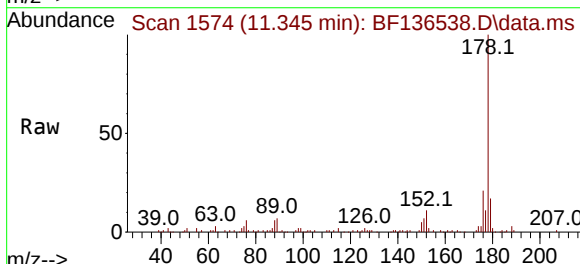
RT: 11.345 min Scan# 1574

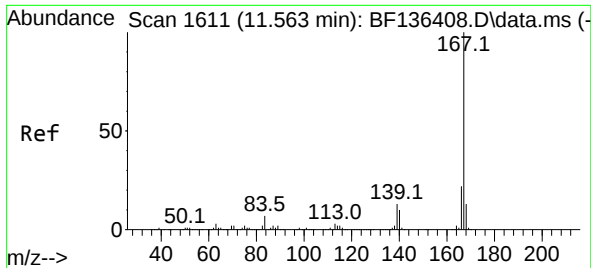
Delta R.T. -0.006 min

Lab File: BF136538.D

Acq: 13 Dec 2023 15:13

Tgt Ion:	178	Resp:	37211
Ion Ratio	Lower	Upper	
178	100		
176	20.6	15.9	23.9
179	17.0	11.8	17.6





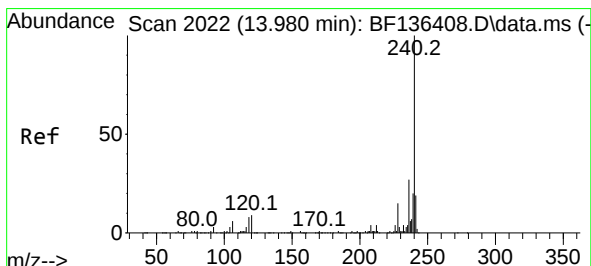
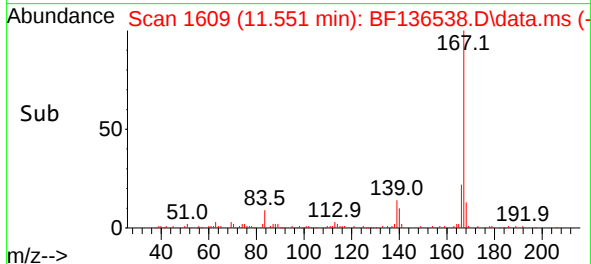
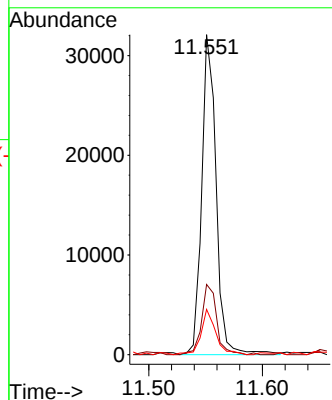
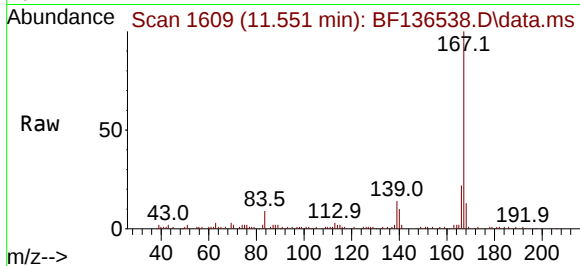
#73
 Carbazole
 Concen: 2.056 ng
 RT: 11.551 min Scan# 1609
 Delta R.T. -0.012 min
 Lab File: BF136538.D
 Acq: 13 Dec 2023 15:13

Instrument :
 BNA_F
 ClientSampleId :
 P001-WC03-01

Tgt Ion:167 Resp: 28330
 Ion Ratio Lower Upper
 167 100
 166 22.0 18.0 27.0
 139 14.1 10.2 15.4

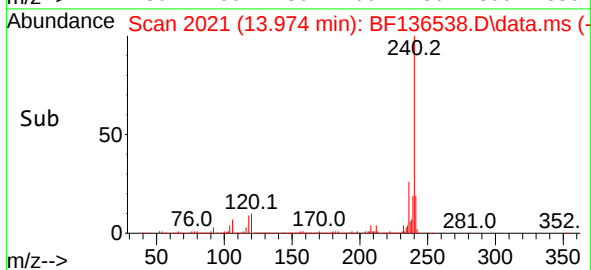
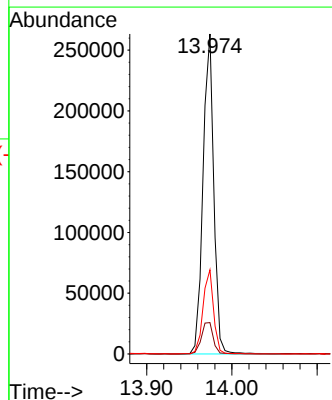
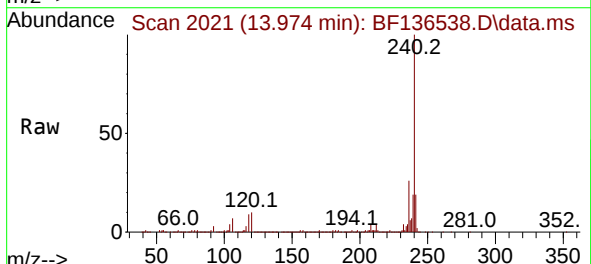
Manual Integrations
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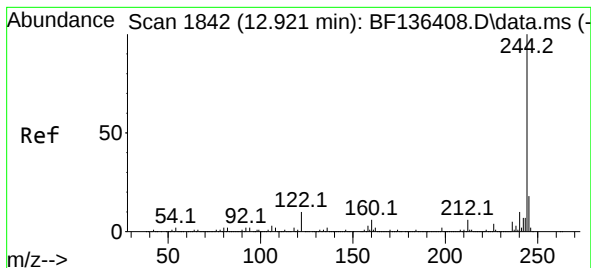
Reviewed By :Yogesh Patel 12/14/2023
 Supervised By :mohammad ahmed 12/14/2023



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.974 min Scan# 2021
 Delta R.T. -0.006 min
 Lab File: BF136538.D
 Acq: 13 Dec 2023 15:13

Tgt Ion:240 Resp: 230990
 Ion Ratio Lower Upper
 240 100
 120 9.8 7.3 10.9
 236 26.3 21.3 31.9





#79

Terphenyl-d14

Concen: 57.464 ng

RT: 12.916 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF136538.D

Acq: 13 Dec 2023 15:13

Instrument :

BNA_F

ClientSampleId :

P001-WC03-01

Tgt Ion:244 Resp: 1007060

Ion Ratio Lower Upper

244 100

212 6.4 5.0 7.4

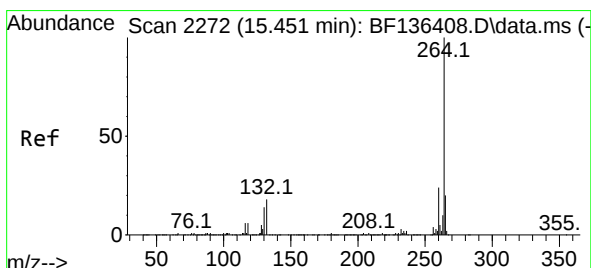
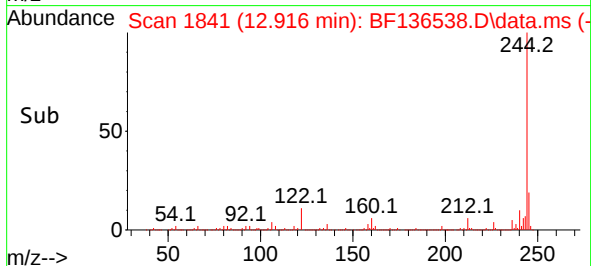
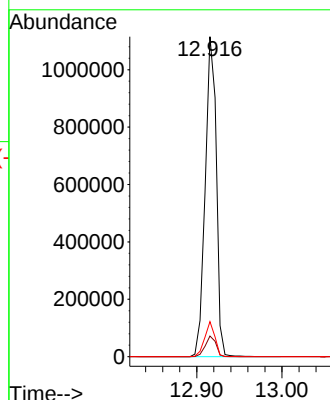
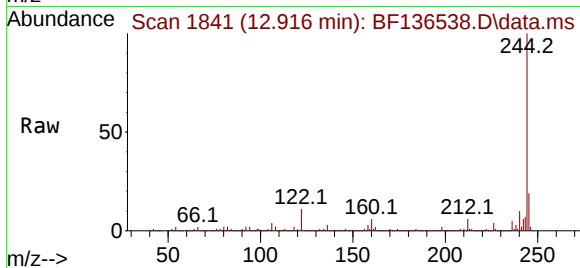
122 10.9 8.3 12.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/14/2023

Supervised By :mohammad ahmed 12/14/2023



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.457 min Scan# 2273

Delta R.T. 0.006 min

Lab File: BF136538.D

Acq: 13 Dec 2023 15:13

Tgt Ion:264 Resp: 242322

Ion Ratio Lower Upper

264 100

260 24.3 19.2 28.8

265 20.8 15.9 23.9

